Nama : Fahrial Ananta

NRP : 5223600030

#include <iostream>

class Queue {

private:

struct Node {

int value;

Node\* next;

Node(int v, Node\* n) : value(v), next(n) {}

};

Node\* head = nullptr;

Node\* tail = nullptr;

int count = 0;

public:

int size() {

return count;

}

bool Empty() {

return count == 0;

}

void print() {

Node\* temp = head;

while (temp != nullptr) {

std::cout << temp->value << " ";

temp = temp->next;

}

}

int peek() {

if (Empty()) {

throw std::runtime\_error("QueueEmptyException");

}

return head->value;

}

};

int main() {

Queue myQueue;

myQueue.print();

return 0;

}